

IN THE CLAIMS:

Please amend the claims as follows, substituting any amended claim(s) for the corresponding pending claim(s):

1. (unchanged) A prosthesis adapted for contact with the sclera of an eyeball, said
prosthesis comprising a body having a first end and a second end, said body having a planform
adapted to expand said contacted sclera to increase the effective working distance of the ciliary
muscle of the eyeball.

2. (unchanged) The prosthesis set forth in Claim 1 wherein said body further comprises
a top surface that is adapted to contact ocular tissue within a pocket surgically formed within
the sclera of the eyeball.

3. (unchanged) The prosthesis set forth in Claim 2 wherein said top surface is
circumferentially shaped and adapted to exert an outward force on the scleral pocket to elevate
the portion of the sclera attached thereto to increase the effective working distance of the ciliary
muscle of the eyeball.

1 4. (unchanged) The prosthesis set forth in Claim 2 wherein said body further comprises
2 a means for stabilizing said prosthesis within said surgically formed pocket within the sclera of
3 the eyeball.

1 5. (unchanged) The prosthesis set forth in Claim 4 wherein said stabilizing means
2 includes a bottom surface that is adapted to contact ocular tissue within said surgically formed
3 pocket.

1 6. (amended) The prosthesis set forth in Claim 5 wherein an ocular tissue contact area
2 of said bottom surface of said body is at least substantially equal to an ocular tissue contact area
3 of said top surface of said body.

1 7. (unchanged) The prosthesis set forth in Claim 4 wherein said stabilizing means
2 includes at least one of said first end and said second end that is adapted to fix said body within
3 said surgically formed pocket.

1 8. (unchanged) The prosthesis set forth in Claim 7 wherein said at least one of said first
2 end and said second end include has a partially concave top surface.

1 9. (unchanged) The prosthesis set forth in Claim 7 wherein said at least one of said first
2 end and said second end include has a partially convex top surface. ✓

1 10. (unchanged) The prosthesis set forth in Claim 7 wherein said at least one of said first
2 end and said second end include has a partially concave bottom surface. ✓

1 11. (unchanged) The prosthesis set forth in Claim 7 wherein said at least one of said first
2 end and said second end include has a partially convex bottom surface. ✓

1 12. (unchanged) A prosthesis adapted for contact with the sclera of an eyeball, said
2 prosthesis comprising a body having a first end and a second end, said body having a planform
3 adapted to expand said contacted sclera to increase the effective working distance of the ciliary
4 muscle of the eyeball and further means for stabilizing said prosthesis within said surgically
5 formed pocket within the sclera of the eyeball.

1 13. (unchanged) The prosthesis set forth in Claim 12 wherein said body further
2 comprises a top surface that is adapted to contact ocular tissue within a pocket surgically formed
3 within the sclera of the eyeball.

1 14. (unchanged) The prosthesis set forth in Claim 13 wherein said top surface is
2 circumferentially shaped and adapted to exert an outward force on the scleral pocket to elevate
3 the portion of the sclera attached thereto to increase the effective working distance of the ciliary
4 muscle of the eyeball.

1 15. (unchanged) bottom surface that is adapted to contact ocular tissue within said
2 surgically formed pocket.

1 16. (amended) The prosthesis set forth in Claim 15 wherein an ocular tissue contact area
2 of said bottom surface of said body is at least substantially equal to an ocular tissue contact area
3 of said top surface of said body.

1 17. (unchanged) The prosthesis set forth in Claim 12 wherein said stabilizing means
2 includes at least one of said first end and said second end that is adapted to fix said body within
3 said surgically formed pocket.

1 18. (unchanged) The prosthesis set forth in Claim 17 wherein said at least one of said
2 first end and said second end include has a
3 partially concave top surface.

1 19. (unchanged) The prosthesis set forth in Claim 17 wherein said at least one of said
2 first end and said second end include has a partially convex top surface.

1 20. (unchanged) The prosthesis set forth in Claim 17 wherein said at least one of said
2 first end and said second end has a partially concave bottom surface.

1 21. (unchanged) The prosthesis set forth in Claim 17 wherein said at least one of said
2 first end and said second end has a partially convex bottom surface.

Please add the following new claims:

1 22. (newly added) A prosthesis adapted for contact with the sclera of an eyeball, said
2 prosthesis comprising:

3 a body having at least one end portion which is wider than an incision forming
4 a scleral pocket for containing said prosthesis, a remainder of said body extending from said at
5 least one end portion in a direction substantially perpendicular to a width dimension of said at
6 least one end portion,

7 a bottom surface of said body having at least one concave region separated from
8 an end of said body by a flat surface,

9 said at least one concave region having a radius of curvature of approximately
10 500 microns,

11 whereby said prosthesis exerts an outward force on said scleral pocket to elevate
12 a portion of the sclera attached thereto when said prosthesis is disposed within said scleral
13 pocket, and

14 wherein said at least one end portion extends beyond said scleral pocket.

1 23. (newly added) The prosthesis as set forth in Claim 22, wherein said body includes
2 a major convex surface having a radius of curvature of approximately 9 millimeters.

24. (newly added) The prosthesis as set forth in Claim 22, wherein end portions of said
body are sloped.